

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A synchronizer ring comprising:
a ring body which has a sliding region, and
a wear-resistant tribological coating with which the
sliding region is provided,
wherein the tribological coating is thermally sprayed so
as to have a porous microstructure produced without machining,
wherein said tribological coating ~~contains a maximum of~~
~~approximately is permitted to be over 30% and up to 40%~~ by
weight of a solid lubricant, and
wherein the solid lubricant has a particle size of no
more than approximately 180 μm .
2. (Previously amended) The synchronizer ring according
to Claim 1, wherein the solid lubricant is selected from the
group consisting of titanium dioxide (TiO_2), calcium fluoride
(CaF_2), hexagonal boron nitride (h-BN), graphite, lead (Pb)
and molybdenum sulphide (MoS_2).
3. (Cancelled)
4. (Previously amended) The synchronizer ring according
to Claim 1, wherein the thermally sprayed coating furthermore
contains at least one material selected from the group
consisting of tin, zinc, silicon, nickel, magnanese, copper,
aluminum, one or more of their oxides, one or more of their
carbides, one or more of their nitrides and carbon.

5. (Previously amended) The synchronizer ring according to Claim 1, wherein the thermally sprayed coating has a porosity of up to approximately 30%.

6-15. (Canceled)

16. (Previously amended) The synchronizer ring according to Claim 2, wherein the thermally sprayed coating furthermore contains at least one material selected from the group consisting of tin, zinc, silicon, nickel, magnanese, copper, aluminum, one or more of their oxides, one or more of their carbides, one or more of their nitrides and carbon.

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17. (Canceled)

18. (Previously added) The synchronizer ring according to Claim 2, wherein the thermally sprayed coating has a porosity of up to approximately 30%.

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19. (Canceled)

20. (Previously added) The synchronizer ring according to Claim 4, wherein the thermally sprayed coating has a porosity of up to approximately 30%.

21. (Canceled)

22. (Previously added) The synchronizer ring according to Claim 16, wherein the thermally sprayed coating has a porosity of up to approximately 30%.

23-55. (Canceled)

56. (New) The synchronizer ring according to Claim 5,
wherein said porosity is no higher than 20%.

57. (New) The synchronizer ring according to Claim 18,
wherein said porosity is no higher than 20%.
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58. (New) The synchronizer ring according to Claim 20,
wherein said porosity is no higher than 20%.

59. (New) The synchronizer ring according to Claim 22,
wherein said porosity is no higher than 20%.
